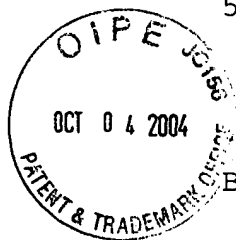


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CINERARIA PLANT NAMED 'SUNSENERABU'

BOTANICAL/COMMERCIAL CLASSIFICATION

Senecio cruentus x *Senecio heritieri*/~~Cineraria~~.

VARIETAL DENOMINATION

5 cv. 'Sunsenerabu'

BACKGROUND OF THE VARIETY

The present invention relates to a new and distinct variety of *Senecio* genus plant named 'Sunsenerabu'.

10 'Sunsenerabu' is a distinct and unique variety, which is a dome-shaped plant of height with abundant branching, light violet ~~flowers~~inflorescences, and a long blooming term.

There are many varieties ~~in of~~ *Senecio* ~~L. Senecio~~ *cruentus* is well known as '*Cineraria*' and cultivated in the world. ~~There are many cultivated, including~~ varieties with
15 ~~flowers~~inflorescences of a single color of white, pink, red, blue or violet. Some varieties have marginal variegation with off color parts.

The female parent used in the crossing of 'Sunsenerabu' is a clone of our own breeding line, *Senecio cruentus*, '8S-
20 84e' (not patented in the United States), which is a compact, dome-shaped plant, 16 cm in height. The stems are thick, 8.0 mm in diameter, with no anthocyanin coloration. The leaf is ~~in of~~ a serrated heart form ~~and with~~ moderate yellow green coloration. The leaf size is medium, 12.0 cm long[[,]] and
25 12.5 cm wide. The ~~flower~~inflorescence is single flowered and has white ~~petals~~ray florets with white ~~disk flowers~~disc florets having no marginal variegation. '8S-84e' has some scent.

The pollen parent used in the crossing of 'Sunsenerabu'
30 is our breeding line, *Senecio heritieri* (an unnamed plant; not patented or sold in the United States), which was first introduced from England ~~at first~~. *Senecio heritieri* is a high, ~~and~~ dome-shaped plant, 26 cm in height with abundant

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branching. Stems are 5.1 mm in diameter, with no anthocyanin coloration. The leaf is in a serrated heart form and light yellowish green in coloration. The leaf size is small, 5.5 cm long, and 6.3 cm wide. The ~~flower~~inflorescence is single
5 flowered, having strong purple ~~petals~~ray florets with vague white parts and strong reddish purple disk ~~flowers~~florets. *Senecio heritieri* has no scent.

Progress

The controlled ~~crossing with *Senecio cruentus* '8S-84e' and *Senecio heritieri*~~ crossing of a plant of *Senecio cruentus* '8S-84e' and a plant of *Senecio heritieri* (unnamed) was
10 conducted at Omori-cho, Yokaichi-shi, Shiga, Japan in February, 1999. Seedlings from this crossing ~~were~~ have been grown since September[[,]] 1999. Four strains were selected
15 in January 2000 ~~among them~~ in view of flower color and earliness of bloom. After multiplication by tissue culture, the botanical characteristics of the selected new strains were tested in pots ~~since~~starting in September 2000, using the parent varieties, ~~and~~ 'Sunsenebu' (~~patented in the United~~
20 ~~States: No. PLANT12104, at 25-Sep-2001~~U.S. Plant Patent Number 12104, issued 25 September 2001), and 'Miss Yokohama' (not patented in the United States) for comparison, ~~since 2000~~. As a result, ~~one strain was selected and it is confirmed that the selected variety met our criteria of being uniform and stable in its characteristics.~~

25 One seedling was propagated by a cutting at Yokaich-shi, shiga-ken, Japan. The new variety reproduces true to type in successive generations of asexual reproduction. Then This new variety of *Senecio* ~~genus~~ plant was named 'Sunsenerabu' (30 *Senecio cruentus* x *Senecio heritieri*).

The parent plants, *Senecio cruentus*[[,]]'8S-84e'[[,]] and *Senecio heritieri* (unnamed), are presently maintained at the Omori-cho, Yokaichi-shi, Shiga-ken, Japan.

In the following descriptions, the color-coding is in

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accordance with the Horticultural Colour Chart of the Royal Horticultural Society, London, England (~~R.H.S. Colour Chart~~).

The botanical characteristics of the female parent plant *Senecio cruentus*, '8S-84e', used in the crossing of
5 'Sunsenerabu' are as follows.

Plant:

Growth habit - Dwarf compact

Height - Approximately 16 cm

Stem:

10 Thickness - Approximately 8.0 mm

Color - Moderate yellowish green (Near ~~R.H.S.C.C. No.~~
139C)

Anthocyanin coloration - Absent

Branching - Fair

15 Pubescence - Sparse

Length of third internode below flag leaf - Approximately
0.5 cm

Leaf:

20 Whole shape - Heart form with a swollen basal part, which
is notched ~~at~~ where the basal part of the blade attaches to
the petiole.

Depth of concavity of leaf margin - Medium

Type of convexity - Acute

Apex shape - Obtuse

25 Base shape - Cordate

Degree of Undulation - Fair

Length - Approximately 12.0 cm

Width - Approximately 12.5 cm

Diameter of petiole - Approximately 5.0 mm

30 Length of petiole - Approximately 5.5 cm

Color of upper surface - Moderate yellow green (Near
~~R.H.S.C.C. No.~~ 137C)

Color of reverse surface - Grayish yellow green (Near
~~R.H.S.C.C. No.~~ 138B)

35 Anthocyanin coloration of reverse surface - Absent

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Pubescence of upper surface - Present

Pubescence of reverse surface - Dense

Color of pubescence of reverse surface - White

Flower (Single flowered):

5 Shape of flower cluster - Flat

Diameter of flower cluster - Approximately 20 cm

Height of flower cluster - Approximately 8 cm

Transected shape of corolla - Flat

Diameter of flower - Approximately 5.5 cm

10 Size of disk flower - Approximately 1.2 cm

Color of petal - White (Near R.H.S.C.C. No. 155D)

Marginal variegation - Absent

Color of disk flower - White (Near R.H.S.C.C. No. 155D)

Petal length - Approximately 2.1 cm

15 Petal width - Approximately 1.0 cm

Shape of petal - Elliptical

Lengthwise warp of petal - Flat

Concavity of petal tip - Present

Shape of petal tip - Rounded

20 Number of ray flower - Approximately 13

Number of disk flower - Approximately 105

Diameter of pedicel of the first flower - Approximately
1.6 mm

25 Length of pedicel of the first flower - Approximately 2.4
cm

Number of flowers per a flower cluster - Approximately 75

Scent - Present

Calyx:

Degree of concavity - Flat

30 Degree of recurvature - Approximately 2.2 mm

Color - Moderate yellow green (Near R.H.S.C.C. No. 139C)

Anthocyanin coloration - Absent

Pistil:

Color - Light yellow (Near R.H.S.C.C. No. 11B)

35 Number - 1

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Type - Style branches truncate (i.e., the top of the style is separated into two and the shape of the top is truncated)

Stamen:

5 Color - Brilliant yellow (Near R.H.S.C.C. No. 12B)

Type - 5 anthers are connate, with separated filaments

Blooming period - January (Sowing in August)

Hardiness:

Cold - Good

10 Rain - Good

Heat - Good

Resistance:

Disease - Good

Insect - Good

15 The botanical characteristics of the male parent plant *Senecio heritieri* used in the crossing of 'Sunsenerabu' are as follows.

Plant:

Growth habit - Dwarf compact

20 Height - Approximately 26 cm

Stem:

Thickness - Approximately 5.1 mm

Color - Very pale green (Near R.H.S.C.C. No. 128D)

Anthocyanin coloration - Absent

25 Branching - Abundant

Type of primary lateral shoot - Branch from every node

Pubescence - Dense

Length of third internode below flag leaf - Approximately 0.8 cm

30 Leaf:

Whole shape - Heart form with a swollen basal part, which is notched at where the basal part of the blade attaches to the petiole.

Depth of concavity of leaf margin - Medium

35 Type of convexity - Acute

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- Apex shape - Obtuse
Base shape - Cordate
Degree of Undulation - Weak
Length - Approximately 5.5 cm
5 Width - Approximately 6.3 cm
Diameter of petiole - Approximately 4.2 mm
Length of petiole - Approximately 7.5 cm
Color of upper surface - Light yellowish green (near
R.H.S.C.C. No. 136D)
10 Color of reverse surface - Very pale green (near R.H.S.
C.C. No. 128D)
Anthocyanin coloration of reverse surface - Absent
Pubescence of upper surface - Dense
Pubescence of reverse surface - Dense
15 Color of pubescence of reverse surface - White
Flower (Single flowered):
Shape of flower cluster - Uneven
Diameter of flower cluster - Approximately 18 cm
Height of flower cluster - Approximately 15 cm
20 Transected shape of corolla - Flat
Diameter of flower - Approximately 4.8 cm
Size of disk flower - Approximately 0.9 cm
Color of petal - Strong purple (near R.H.S.C.C. No. 81B)
Marginal variegation - Present
25 Diameter of off color part - Approximately 1.3 cm
Border of marginal variegation - Vague
Color of disk flower - Strong reddish purple (Near
R.H.S.C.C. No. No. 72A)
Petal length - Approximately 2.2 cm
30 Petal width - Approximately 0.4 cm
Shape of petal - Rectangular
Lengthwise warp of petal - Flat
Concavity of patal tip - Present
Shape of petal tip - Acute
35 Number of ray flower - Approximately 13

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Number of disk flower - Approximately 110

Diameter of pedicel of the first flower - Approximately
1.2 mm

5 Length of pedicel of the first flower - Approximately 2.5
cm

Number of flowers per a-flower cluster - Approximately 35

Scent - Absent

Calyx:

Degree of concavity - Flat

10 Degree of recurvature - Approximately 3.1 mm

Color - Very pale green (Near R.H.S.C.C. No. 128D)

Anthocyanin coloration - Present

Pistil:

Color - Strong reddish purple (Near R.H.S.C.C. No. 72A)

15 Number - 1

Type - Style branches truncate (i.e., the top of the
style is separated into two and the shape of the top is
truncated)

Stamen:

20 Color - Strong reddish purple (Near R.H.S.C.C. No. 72A)

Type - 5 anthers are connate, with separated filaments

Blooming period - End of January (Sowing in August)

Hardiness:

Cold - Good

25 Rain - Good

Heat - Good

Resistance:

Disease - Good

Insect - Good

30 The botanical characteristics of a similar variety
'Sunsenebu' (*Senecio cruentus* x *Senecio heritieri*) which was
patented in the United States, used for examination as a
comparison variety are as follows.

Plant:

35 Growth habit - Semi- erect

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Height - Approximately 33 cm

Stem:

Thickness - Approximately 4.5 mm

Color - Very pale green (Near ~~R.H.S.C.C. No.~~ 147C)

5 Anthocyanin coloration - Present unevenly

Degree of anthocyanin coloration - Light

Branching - Abundant, i.e., approximately 9 to 11

branches

Type of primary lateral shoot - Branch from every node

10 Pubescence - Sparse

Length of third internode below flag leaf - approximately
1.4 cm

Leaf:

15 Whole shape - Heart form with a swollen basal part, which
is notched at where the leaf attaches to the petiole.

Depth of concavity of leaf margin - Approximately 7mm on
average.

Type of convexity - Acute

Apex shape - Acute

20 Base shape - Cordate

Degree of Undulation - Weak

Length - Approximately 6.7 cm

Width - Approximately 8.0 cm

Diameter of petiole - Approximately 3.1 mm

25 Length of petiole - Approximately 7.4 cm

Color of upper surface - Moderate yellow green (Near
~~R.H.S.C.C. No.~~ 137C)

Color of reverse surface - Moderate yellow green (Near
~~R.H.S.C.C. No.~~ 138C)

30 Anthocyanin coloration of reverse surface - Present

Degree of antocyanin coloration - Light

Pubescence of upper surface - Dense

Pubescence of reverse surface - Dense

Color of pubescence of reverse surface - White

35 Flower (Single flowered):

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- Shape of flower cluster - Uneven
Diameter of flower cluster - Approximately 36 cm
Height of flower cluster - Approximately 18 cm
Transected shape of corolla - Flat
- 5 Diameter of flower - Approximately 7.7 cm
Size of disk flower - Approximately 1.3 cm
Color of petal - Vivid violet (Near R.H.S.C.C. ~~No.~~ 89C)
Marginal variegation - Absent
Color of disk flower - Deep violet (Near R.H.S.C.C. ~~No.~~
- 10 93A)
Petal length - Approximately 3.2 cm
Petal width - Approximately 0.8 cm
Shape of petal - Rectangular
Lengthwise warp of petal - Flat
- 15 Concavity of petal tip - Present
Shape of petal tip - Acute
Number of ray flower - Approximately 13-15
Number of disk flower - Approximately 135
Diameter of pedicel of the first flower - Approximately
- 20 1.0 mm
Length of pedicel of the first flower - Approximately 5.5
cm
Number of flowers per a flower cluster - Approximately 65
Scent - Present
- 25 Calyx:
Degree of concavity - Moderate
Degree of recurvature - Approximately 1.0 mm
Color - Very pale green (Near R.H.S.C.C. ~~No.~~ 130D)
Anthocyanin coloration - Present
- 30 Pistil:
Color - Deep violet (Near R.H.S.C.C. ~~No.~~ 93A)
Number - 1
Type - Style branches truncate (i.e., the top of the
style is separated into two and the shape of the top is
- 35 truncated)

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Stamen:

Color - Deep violet (Near ~~R.H.S.C.C. No.~~ 93A)

Type - 5 anthers are connate, with separated filaments

Blooming period - Start at the beginning of December

5 (cutting in July)

Hardiness:

Cold - Good

Rain - Good

Heat - Good

10 Resistance:

Disease - Good

Insect - Good

15 The botanical characteristics of a similar variety 'Miss
Yokohama', used for examination as a comparison variety are as
follows.

Plant:

Growth habit - Dwarf compact

Height - Approximately 19 cm

Stem:

20 Thickness - Approximately 5.4 mm

Color - Moderate yellow green (Near ~~R.H.S.C.C. No.~~ 139C)

Anthocyanin coloration - Present

Degree of anthocyanin coloration - Medium

Branching - Fair

25 Pubescence - Dense

Length of third internode below flag leaf - Approximately
0.5 cm

Leaf:

30 Whole shape - Heart form with a swollen basal part, which
is notched ~~at~~ where the basal part of the leaf attaches to the
petiole.

Depth of concavity of leaf margin - Medium

Type of convexity - Acute

Size of wing (swollen basal part) - Large

35 Apex shape - Obtuse

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- Base shape - Cordate
Degree of Undulation - Weak
Length - Approximately 17.5 cm
Width - Approximately 13.0 cm
- 5 Diameter of petiole - Approximately 5.2 mm
Length of petiole - Approximately 7.7 cm
Color of upper surface - Moderate yellow green (Near
R.H.S.C.C. No. 137C)
Color of reverse surface - Moderate yellow green (Near
10 R.H.S.C.C. No. 138C)
Anthocyanin coloration of reverse surface - Present
Degree of anthocyanin coloration - Medium
Pubescence of upper surface - Dense
Pubescence of reverse surface - Dense
- 15 Color of pubescence of reverse surface - White
Flower (Single flowered):
Shape of flower cluster - Rounded
Diameter of flower cluster - Approximately 23 cm
Height of flower cluster - Approximately 17 cm
- 20 Transected shape of corolla - Flat
Diameter of flower - Approximately 4.2 cm
Size of disk flower - Approximately 1.1 cm
Color of petal - Vivid violet (Near R.H.S.C.C. No. 96A)
Marginal variegation - Present
- 25 Diameter of off color part - Approximately 2.5cm
Border of marginal variegation - Fairly clear
Color of disk flower - Deep violet (Near R.H.S.C.C. No.
93A)
Petal length - Approximately 1.6 cm
- 30 Petal width - Approximately 0.8 cm
Shape of petal - Generally rectangular
Lengthwise warp of petal - Convex
Concavity of petal tip - Present
Shape of petal tip - Rounded
- 35 Number of ray flower - Approximately 13

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Number of disk flower - Approximately 86

Diameter of pedicel of the first flower - Approximately
1.7 mm

5 Length of pedicel of the first flower - Approximately 2.7
cm

Number of flowers per a flower cluster - Approximately 90
Scent - Present

Calyx:

Degree of concavity - Flat

10 Degree of recurvature - Approximately 1.2 mm

Color - Very pale green (~~Near R.H.S.C.C. No. 130D~~)

Anthocyanin coloration - Absent

Pistil:

Color - Deep violet (~~Near R.H.S.C.C. No. 93A~~)

15 Number - 1

Type - Style branches truncate (i.e., the top of the
style is separated into two and the shape of the top is
truncated)

Stamen:

20 Color - Deep violet (~~Near R.H.S.C.C. No. 93A~~)

Type - 5 anthers are connate, with separated filaments

Blooming period - January (Sowing in August)

Hardiness:

Cold - Good

25 Rain - Good

Heat - Good

Resistance:

Disease - Good

Insect - Good

30 SUMMARY OF THE VARIETY

'Sunsenerabu' is a dome-shaped plant of height (average
height ~~of approximately~~ 39.5 cm in the blooming period).

There is a branch from every node and branching is abundant,
i.e., approximately 9 to 11 branches. The stem is

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approximately 4.9 mm in diameter with few pubescences.

The leaves are small, approximately 7.6 cm long,
approximately 9.2 cm wide. The leaves are shaped in a
serrated heart form with a swollen basal part, which is
notched at where the basal part of the blade attaches to the
petiole. The leaf color is strong yellow green, with no
anthocyanin coloration on the reverse side. Pubescence on
upper side of leaf is sparse and pubescence on the reverse
side is dense. The petiole is approximately 9.2 cm long and
approximately 3.2 mm in diameter.

The new variety has large ~~flower~~inflorescence clusters,
which are high and flat in shape (i.e., the locations of the
individual ~~flower~~inflorescences forming the cluster are flat).
~~A flower~~An inflorescence cluster means a gathering of heads in
a plant of the new variety. A head is an ~~flower~~inflorescence
consisting of a ~~disk~~disc florets and a plurality of ~~petals~~ray
~~florets, i.e., ray flowers.~~ The ~~flower~~inflorescence is single
flowered with marginal variegation, which has obscure border.
The corolla has a flat transected shape (i.e., when the
corolla opens, ~~petals~~ray florets are flat when viewed from the
side). The ~~flower~~inflorescence is approximately 7.4 cm in
diameter, while the ~~disk~~flowerdisc floret is approximately
1.3 cm in diameter. The ~~petal~~ray floret is approximately 3.0
cm long and approximately 0.8 cm wide. The color of the
~~petal~~ray floret is light violet (~~near R.H.S.C.C. No. 91A~~),
while the color of the ~~disk~~is strongdisc florets are violet
(~~near R.H.S.C.C. No. 90B~~). One ~~flower~~inflorescence has
approximately 13 ray ~~flowers~~florets and approximately 149 ~~disk~~
~~flowers~~disc florets. A ray ~~flower~~floret has a pistil, but no
stamen. A ~~disk~~flowerdisc floret is tubular and has a pistil
and a stamen formed by 5 connate anthers with separated
filaments. Approximately 180 ~~flower~~inflorescences are in a
~~flower~~inflorescence cluster. The degree of recurvature of
calyx is approximately 2.0 mm. The calyx is flat and has no
anthocyanin coloration. Pedicel is approximately 3.5 cm long

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and approximately 1.3 mm in diameter. The
~~flower~~inflorescences have some scent.

Blooming period is medium and blooming term is long.
After cutting in July, ~~flowers~~inflorescences start to bloom at
5 the end of the January in Omori-cho, Yokaichi-shi, Shiga-ken,
Japan. The blooming continues from January to May, if under
appropriate control. Around a temperature of 15°C, the
individual bloom lasts two weeks. The ~~flower~~inflorescence
buds grow one after another from the axil. The
10 ~~flower~~inflorescence is not self-cleaning because ~~petals~~ray
florets remain attached in a wilted and dry state as the
~~flower~~inflorescence fully matures.

The new variety has moderate cold hardiness and
resistance to heat. The new variety does not die at around
15 0°C, but when frost occurs the cells can be necrosed resulting
in the death of the plant. Usually, *Senecio cruentus* has a
tendency of slightly reduced growth in a hot season, whereas
the new variety has no problem in growing in the hot season.

The fertility of the new variety is low. Generally,
20 *Senecio* genus plants have high fertility (i.e., bear many
seeds per flower). In contrast, 'Sunsenerabu' bears no seed
or very few seeds per ~~flower~~inflorescence. When no seed is
formed, there is a part corresponding to a seed coat, which
remains in an immature state, i.e., without embryo and
25 endosperm inside the immature seed coat.

The new variety, 'Sunsenerabu', differs from similar
varieties, 'Sunsenebu' and 'Miss Yokohama', of the *Senecio*
genus and from parent varieties *Senecio heritieri* (unnamed)
and '8S-84e' in the following points.

30 1. 'Sunsenerabu' is a high type plant, approximately
39.5 cm in height. 'Sunsenebu' is a high type plant,
approximately 33 cm in height. 'Miss Yokohama' is a compact
type plant, approximately 19 cm in height. The pollen parent
Senecio heritieri is a semi-compact type plant, approximately
35 26 cm in height and female plant '8S-84e' is a compact type

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plant, approximately 16 cm in height.

2. The ~~flower~~inflorescence of 'Sunsenerabu' has light violet ~~petals~~ray florets, strong violet ~~disk flowers~~disc florets and obscure marginal variegation. ~~That of~~ 'Sunsenebu' has vivid violet ~~petals~~ray florets, deep violet ~~disk flowers~~disc florets and no marginal variegation. ~~That of~~ 'Miss Yokohama' has vivid violet ~~petals~~ray florets, vivid violet disk ~~flowers~~ florets and no marginal variegation. ~~That of~~ The female parent '8S-84e' has white ~~petals~~ray florets, white ~~disk~~disc florets and no marginal variegation. ~~That of~~ The pollen parent *Senecio heritierii* (unnamed) has strong purple ~~petals~~ray florets, strong reddish purple disk ~~flowers~~florets and white marginal part.

3. The petiole length of 'Sunsenerabu' is longer than that of 'Sunsenebu' or 'Miss Yokohama'.

4. 'Sunsenerabu' has less pubescence of stems than that of 'Miss Yokohama'.

5. The blooming term of 'Sunsenerabu' is longer than that of 'Miss Yokohama'.

6. The fertility of 'Sunsenerabu' is lower than that of 'Miss Yokohama'.

The plant height and flower color are most distinctive characteristics of this new variety, 'Sunsenerabu'.

BRIEF DESCRIPTION OF THE DRAWING

Fig.1 is a photograph giving a partial view of the new variety of *Senecio* genus plant named 'Sunsenerabu' planted in a pot.

Fig.2 is a photograph of ~~flowers~~inflorescences of the new variety of *Senecio* genus plant named 'Sunsenerabu'.

DESCRIPTION OF THE NEW VARIETY

~~The botanical characteristics of this new and distinct variety of *Senecio* genus plant named 'Sunsenerabu' 7 months after cutting in July are as follows (i.e. these botanical~~

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~~characteristics were observed in January of the year following the cutting with the new variety planted in a 15 cm pot and grown in a greenhouse, the lowest temperature of which was controlled at 12°C in winter).~~ The botanical characteristics of the new and distinct variety of *Senecio* plant named 'Sunsenerabu' are set forth hereafter. The plants were observed during January 2002 at Yokaichi-shi, Shiga-ken, Japan, planted in 15 cm diameter pots, at an age of approximately 6 months.

Plant:

Growth habit - Semi-dwarf erect

Height - Approximately 39.5 cm

Spread - Approximately 45.0 cm

Main stem length - Approximately 38.0 cm

Lateral branches length - Approximately 20 cm

Stem:

Thickness - Approximately 4.9 mm

Color - Light yellow green (~~near R.H.S.-C.C. No. 144D~~)

Anthocyanin coloration - Absent

Branching - Abundant, i.e., approximately 9 to 11

branches

Type of primary lateral shoot - Branch from every node

Pubescence - Sparse

~~Length of third internode below flag leaf~~ Internode length

at the middle of main stem - Approximately 2.1 cm

Leaf:

Whole shape - Heart form with a swollen basal part, which is notched ~~at~~ where the basal part of the blade attaches to the petiole.

Depth of concavity of leaf margin - The maximum depth of concavity measured from the average convexity peak height is approximately 5 mm.

Type of convexity - Acute

Apex shape - Acute

Base shape - Cordate

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~~—— Degree of Undulation —— Fair~~

Leaf margin - Palmately lobed, crenate and weakly undulated

Length - Approximately 7.6 cm

5 Width - Approximately 9.2 cm

Diameter of petiole - Approximately 3.2 mm

Length of petiole - Approximately 9.2 cm

Color of petiole - Near R.H.S. 144D

10 Color of upper surface - Strong yellow green (near
~~R.H.S.C.C. No. 144A~~)

Color of reverse surface - Moderate yellow green (near
~~R.H.S. C.C. No. 138C~~)

Anthocyanin coloration of reverse surface - Absent

Pubescence of upper surface - Sparse

15 Pubescence of reverse surface - Dense

Color of pubescence of reverse surface - White

Venation - Pattern Palmate; color near R.H.S. 136D

Stipules - None

~~Flower~~ Inflorescence (Single flowered):

20 Shape of ~~flower~~ inflorescence cluster - Flat

Diameter of ~~flower~~ inflorescence cluster - Approximately
45 cm

Height of ~~flower~~ inflorescence cluster - Approximately 17
cm

25 Transected shape of corolla - Flat

Diameter of ~~flower~~ inflorescence - Approximately 7.4 cm

Size of ~~disk flower~~ disc floret - Approximately 1.3 cm

~~—— Color of petal —— Light violet (R.H.S.C.C. No. 91A)~~

Color of ray floret (upper surface) - Near R.H.S. 91A

30 Color of ray floret (lower surface) - Near R.H.S. 91D

Marginal variegation - Present

Size of marginal variegation - Approximately 1.7 cm

Border of marginal variegation - Obscure

35 Color of ~~disk flower~~ disc floret - Strong violet (near
~~R.H.S.C.C. No. 90B~~)

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- PetalRay floret length - Approximately 3.0 cm
PetalRay floret width - Approximately 0.8 cm
Shape of petalray floret - Rectangular
Lengthwise warp of petalray floret - Flat
5 Concavity of petalray floret tip - Present
Shape of Petalray floret tip - Acute
Number of ray flower - Approximately 13
Number of ~~disk flower~~ disc floret - Approximately 149
Diameter of pedicel of the first flowerinflorescence -
10 1.3 mm
Length of pedicel of the first flowerinflorescence -
Approximately 3.5 cm
Pedicel color - Near R.H.S. 144D
Number of flowers per a flowerinflorescence cluster -
15 Approximately 180
Ray floret margin - Entire
Ray floret base shape - Obtuse
Ray floret texture - Smooth, velvety
Scent - Present
20 Calyx:
Degree of concavity - Flat
Degree of recurvature - Approximately 2.0 mm
Color - Strong yellow green (near R.H.S. C.C. No. 143A)
Anthocyanin coloration - Absent
25 Pistil:
Color - Vivid purple (near R.H.S. C.C. No. 87A)
Number - 1
Type - Style branches truncate (i.e., the top of the
style is separated into two and the shape of the top is
30 truncated)
Stamen:
Color - Dark greenish yellow (near R.H.S. C.C. No. 152D)
Type - 5 anthers are connate, with separated filaments
Amount of pollen - Scarce
35 Pollen color - Near R.H.S. 21A

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Time to produce - Approximately 6 months (cutting in
July, flower in the next January, in Japan

Blooming period - Start at the end of January (cutting in
July)

5 Number of inflorescence per lateral stem - Approximately
5

Flowering time - From January to early May

Bud

Hardiness - Susceptible to damage under 0°C

10 Diameter - Approximately 6 cm

Length - Approximately 4 cm

Shape - Globose

Surface - Pubescent

Color - Near R.H.S. 144D

15 Lastingness of an individual bloom on the plant -
approximately 10 days

Hardiness:

Cold - Good

Rain - Good

20 Heat - Good

Resistance:

Disease - Good

Insect - Good

25 The new variety and *Senecio cruentus* have similar
resistance to powdery mildew, leaf spot, aphid, whitefly, and
thrips. The new variety, 'Sunsenerabu', is a tall type plant
and most suitable for flower potting.

30 This new and distinct variety of *Senecio* genus plant
named 'Sunsenerabu' was asexually reproduced by cutting at
Omori-cho, Yokaichi-shi, Shiga-ken, Japan and the homogeneity
and stability thereof were confirmed.

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CLAIM

1.—A new and distinct variety of *Senecio* ~~genus~~ plant named 'Sunsenerabu', substantially as herein illustrated and described.

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~~BOTANICAL/COMMERCIAL CLASSIFICATION~~

~~Senecio cruentus x Senecio heritieri/Cineraria Plant~~

~~VARIETAL DENOMINATION~~

~~cv. 'Sunsenerabu'~~

5

ABSTRACT OF THE DISCLOSURE

Disclosed herein is a *Senecio* ~~genus~~ plant named
'Sunsenerabu'; being of a high height and dome-shaped plant
with abundant branching. ~~There are several pubescences on its~~
10 ~~stem.~~ Petiole length is longer than in *Senecio L.* It has large
~~flower~~inflorescence cluster. ~~Flowers~~Inflorescences are single
flowered and have small obscure marginal variegation. The
color of the ~~petal~~ray floret is light violet and the ~~disk~~
~~flower~~disc floret is strong violet. Blooming term is longer
15 than *Senecio cruentus*. Flower buds grow one after another from
axil.

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